CLAIMS

1   1.   A scalable processing system, comprising:

2   a memory device that includes a plurality of executable program instructions, wherein

3   each of said executable program instructions includes a timetag data field indicative of the

4   nominal sequential order of said associated executable program instructions; and

5   a plurality of processing elements, which are configured and arranged to receive

6   executable program instructions from said memory device, wherein each of said processing

7   elements executes executable instructions having the highest priority as indicated by the state of

8   said timetag data field.